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Title: JP2002304977A2: SEPARATOR FOR SEALED LEAD-ACID BATTERY
SEALED LEAD- ACID BATTERY HAVING THE SEPARATOR BUILT-I

Country: JP Japan

Kind: A2 Document Laid open to Public inspection

Inventor: ASADA ATSUSHI;

Assignee: NIPPON SHEET GLASS CO LTD
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Published / Filed: 2002-10-18 / 2001-04-04

Application Number: JP2001000106071

IPC Code: H01M 2/16; H01M 10/12;

Priority Number: 2001-04-04 JP2001000106071

Abstract:

PROBLEM TO BE SOLVED: To prevent a battery life from being shortened by lowering of the hydrophilicity by giving a high specific surface area to a separator of glass fiber, without substantially lowering mechanical strength and a tightening pressure after injecting an electrolyte.

SOLUTION: This separator for the sealed lead-acid battery is formed mainly of glass fiber. A surface roughening treatment is applied to the fiber surface of glass fiber and/or glass fiber with a hollow structure, and which is used for at least a part of the glass fiber for the separator.

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Family: None

Other Abstract Info: CHEMABS 137(19)281908M CHEMABS 137(19)281908M DERABS G2002-719278 DERABS G2002-719278



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